

FIG. 1
 (Prior Art)

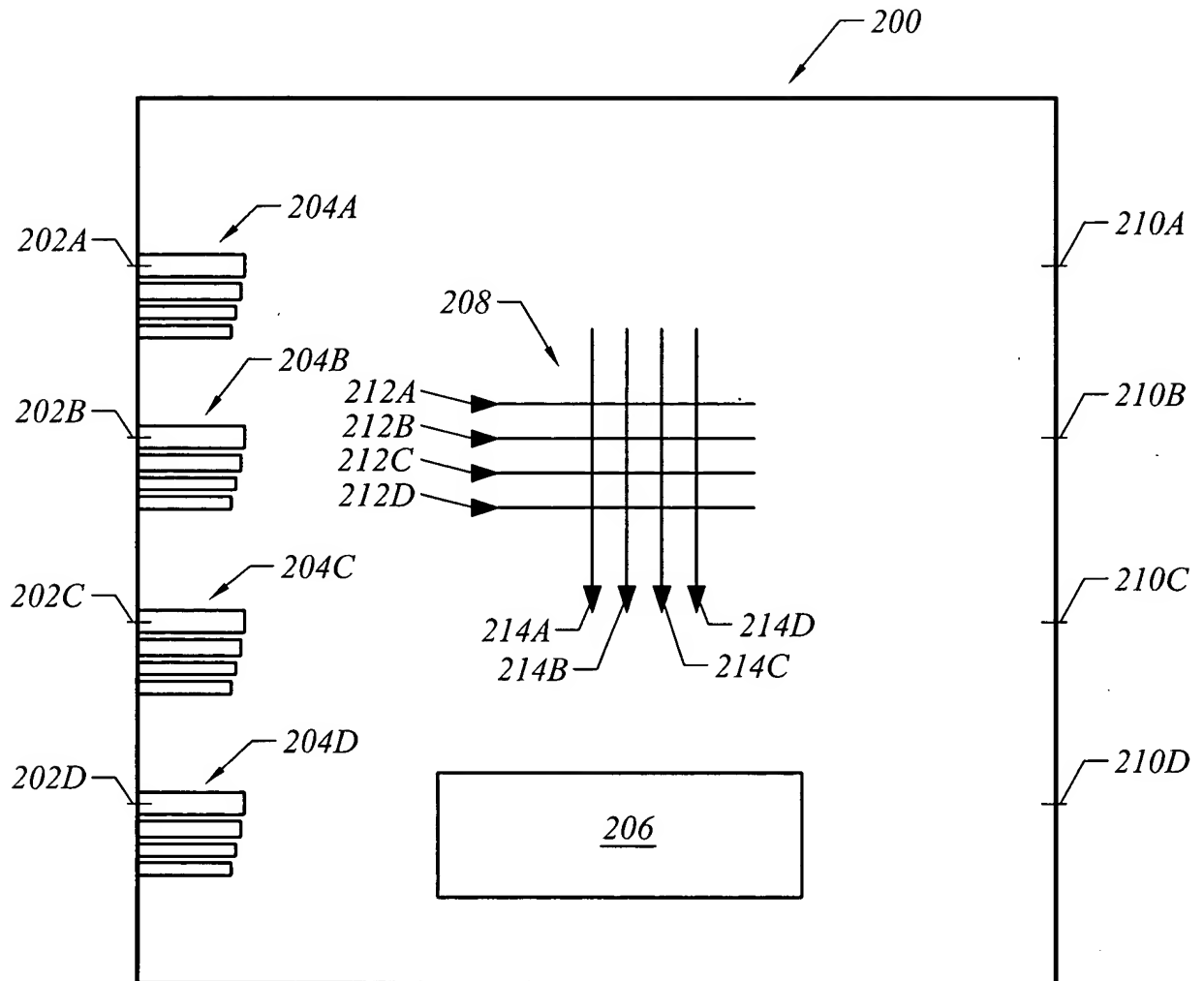


FIG. 2
(Prior Art)

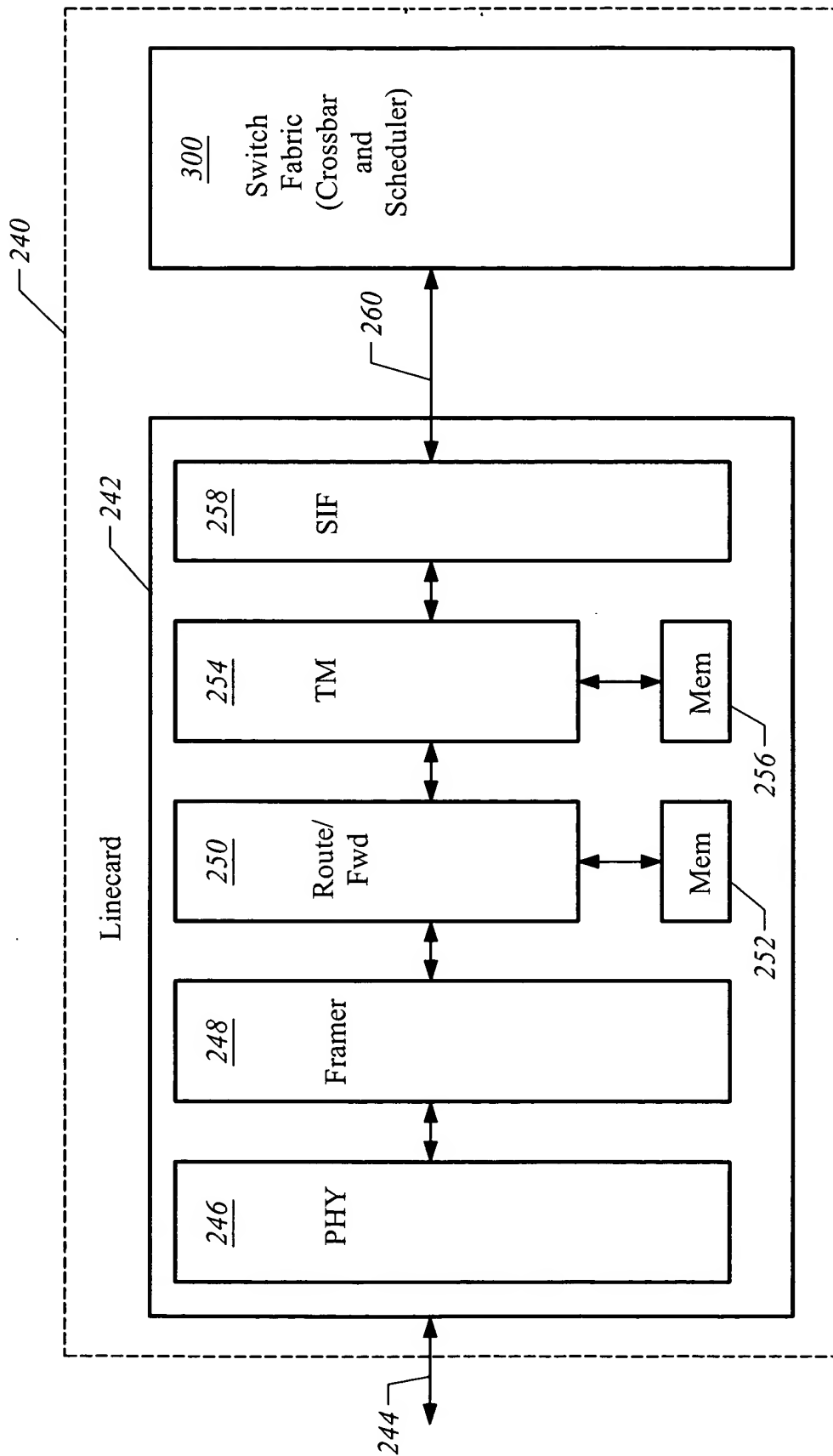


FIG. 3

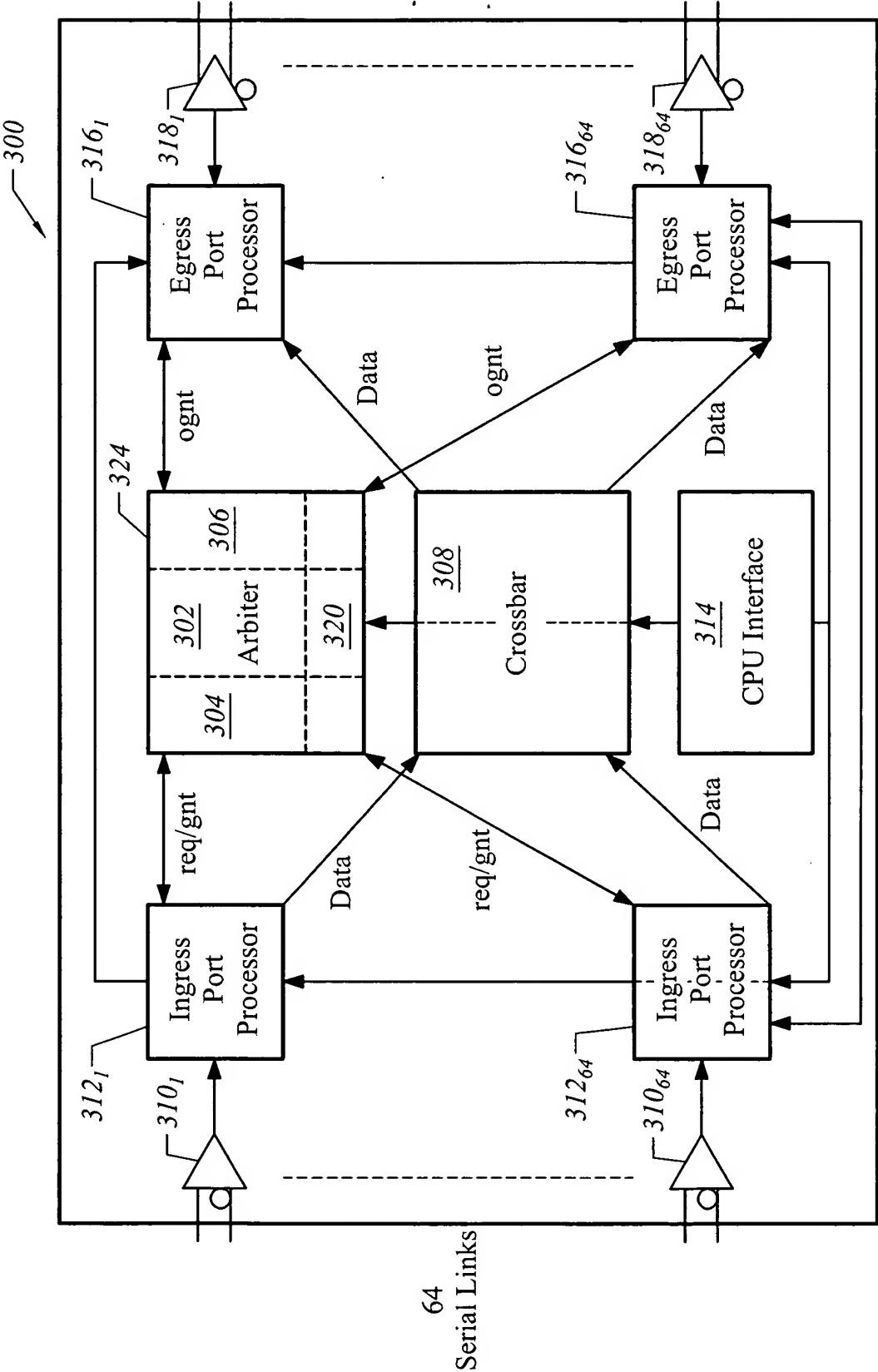


FIG. 4

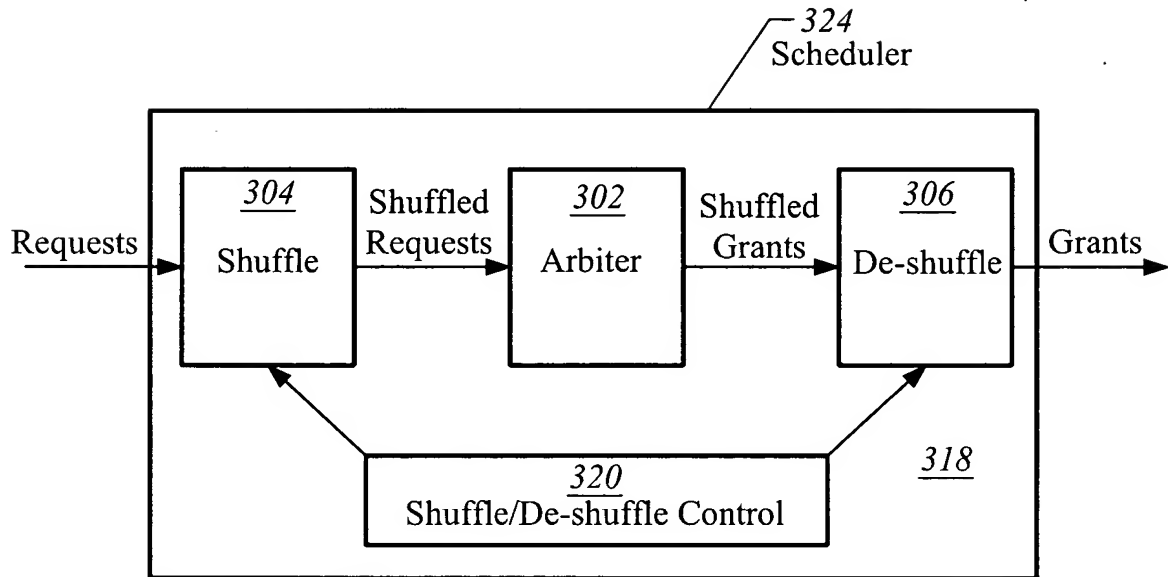


FIG. 5

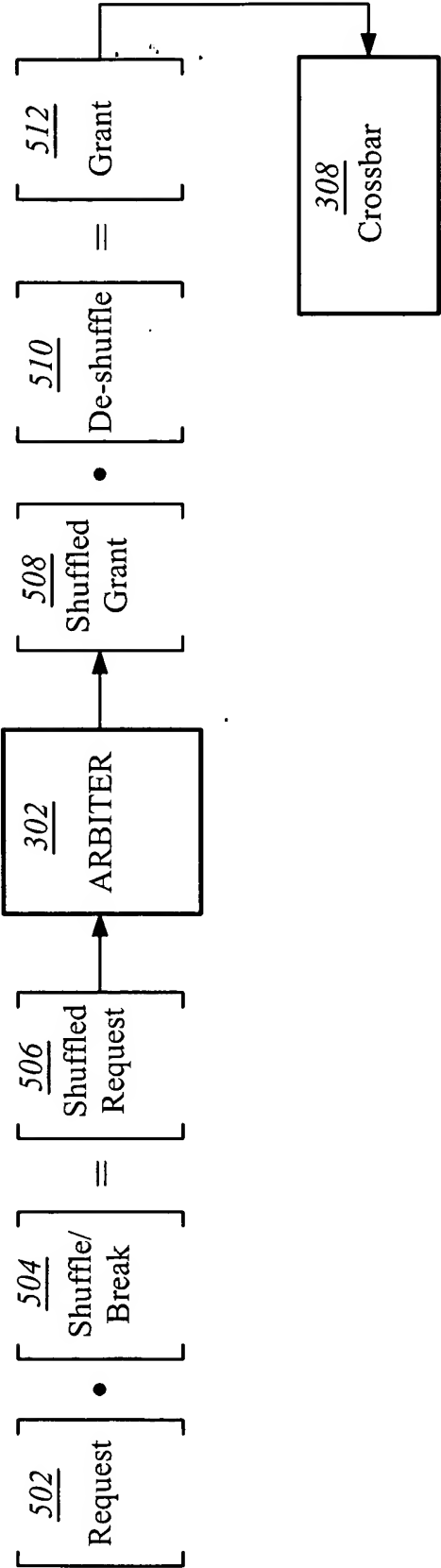


FIG. 6

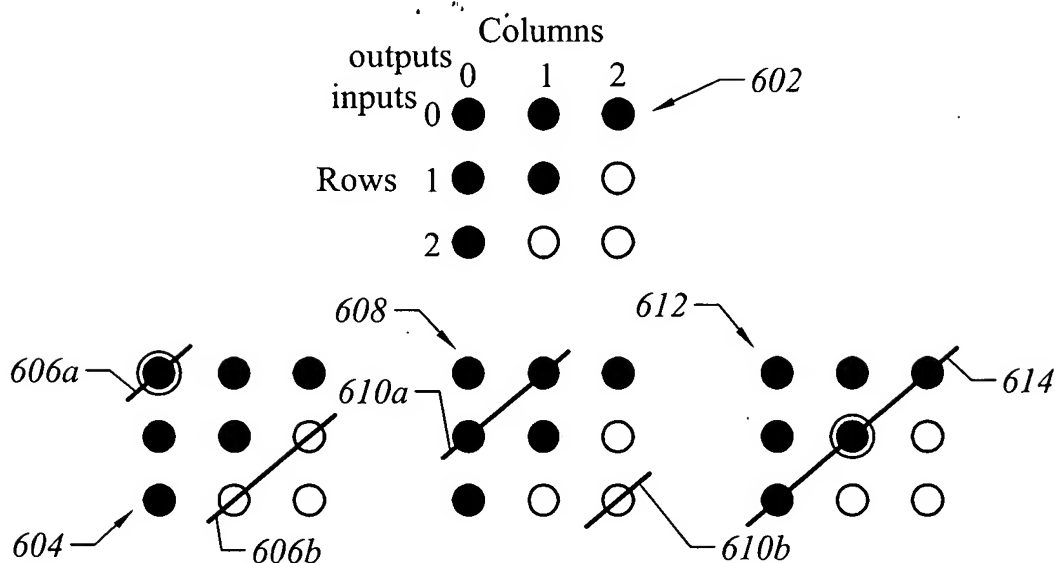


FIG. 7

Row or Col Position	0 1 2	0 1 2	0 1 2	0 1 2
Calculated Shuffle Control	1 2 0	0 2 1	2 1 0	1 0 2
Row Shuffle	1 2 0	0 2 1	2 1 0	1 0 2
Col Shuffle	1 2 0	1 2 0	2 1 0	2 0 1
Cell Time	0	1	2	3

FIG. 8

Row or Col Position	0 1 2	0 1 2	0 1 2	0 1 2
Calculated Shuffle Control	1 2 0	0 2 1	2 1 0	1 0 2
Row Shuffle	1 2 0	1 2 0	2 1 0	2 0 1
Col Shuffle	1 2 0	0 2 1	2 1 0	1 0 2
Cell Time	0	1	2	3

FIG. 9

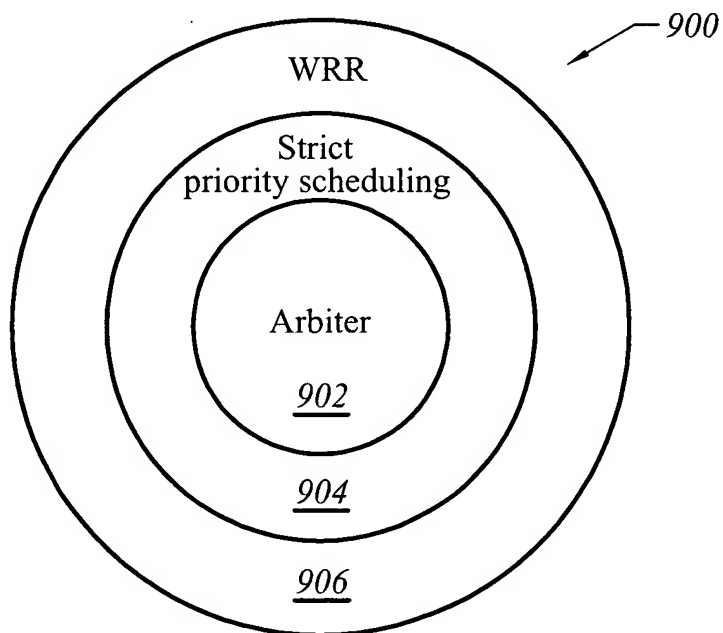


FIG. 10



FIG. 11

Cell Time	0	1	2	3	4	5	6	7	7'	8
Credits 0→0	2	2	2	2	2	2	2	1	0	2
Credits 1→0	3	2	2	1	1	0	0	0	0	3
Credits 2→0	1	1	0	0	0	0	0	0	0	1
Grants	1→0	2→0	1→0	2→0	1→0	2→0	0→0	0→0	1→0	1→0

Potential unused grants

FIG. 13

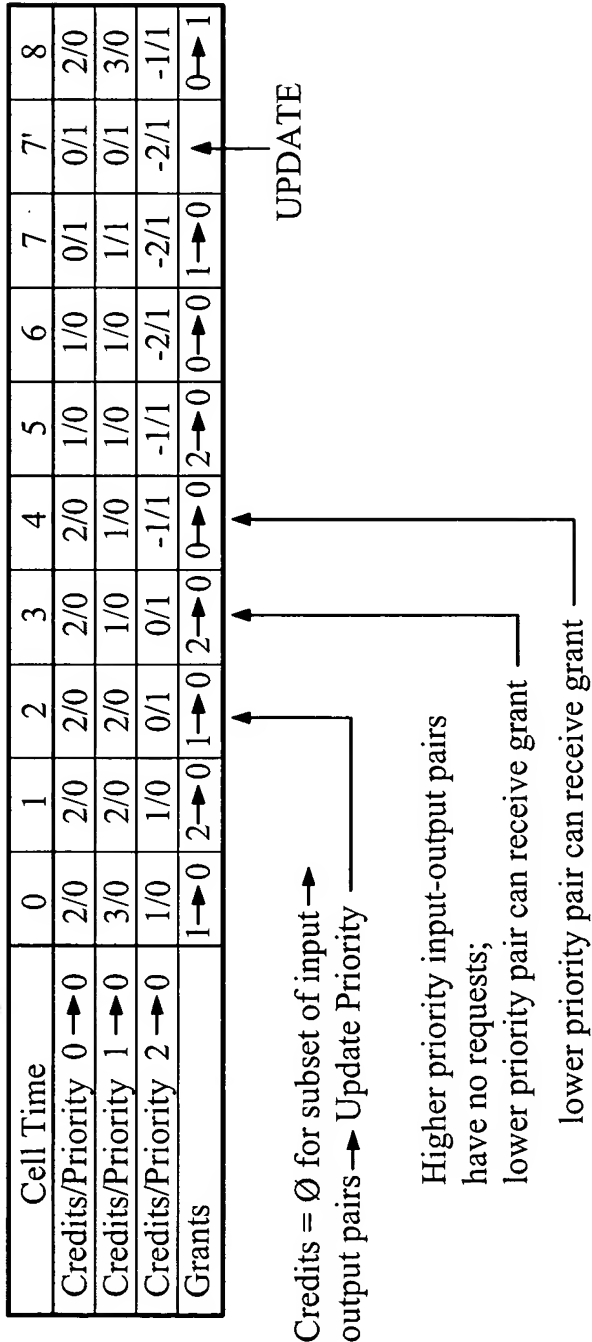


FIG. 14

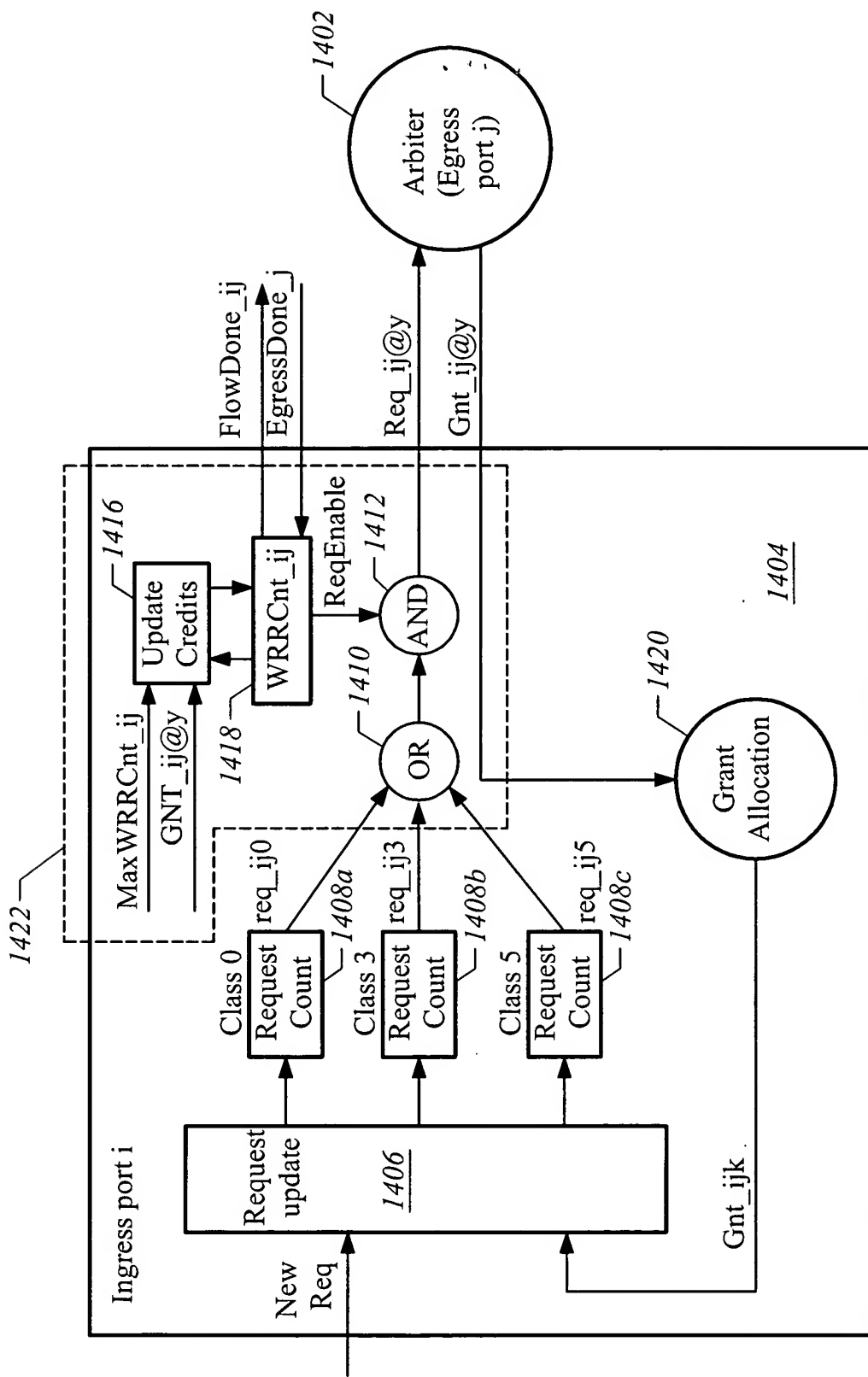


FIG. 15

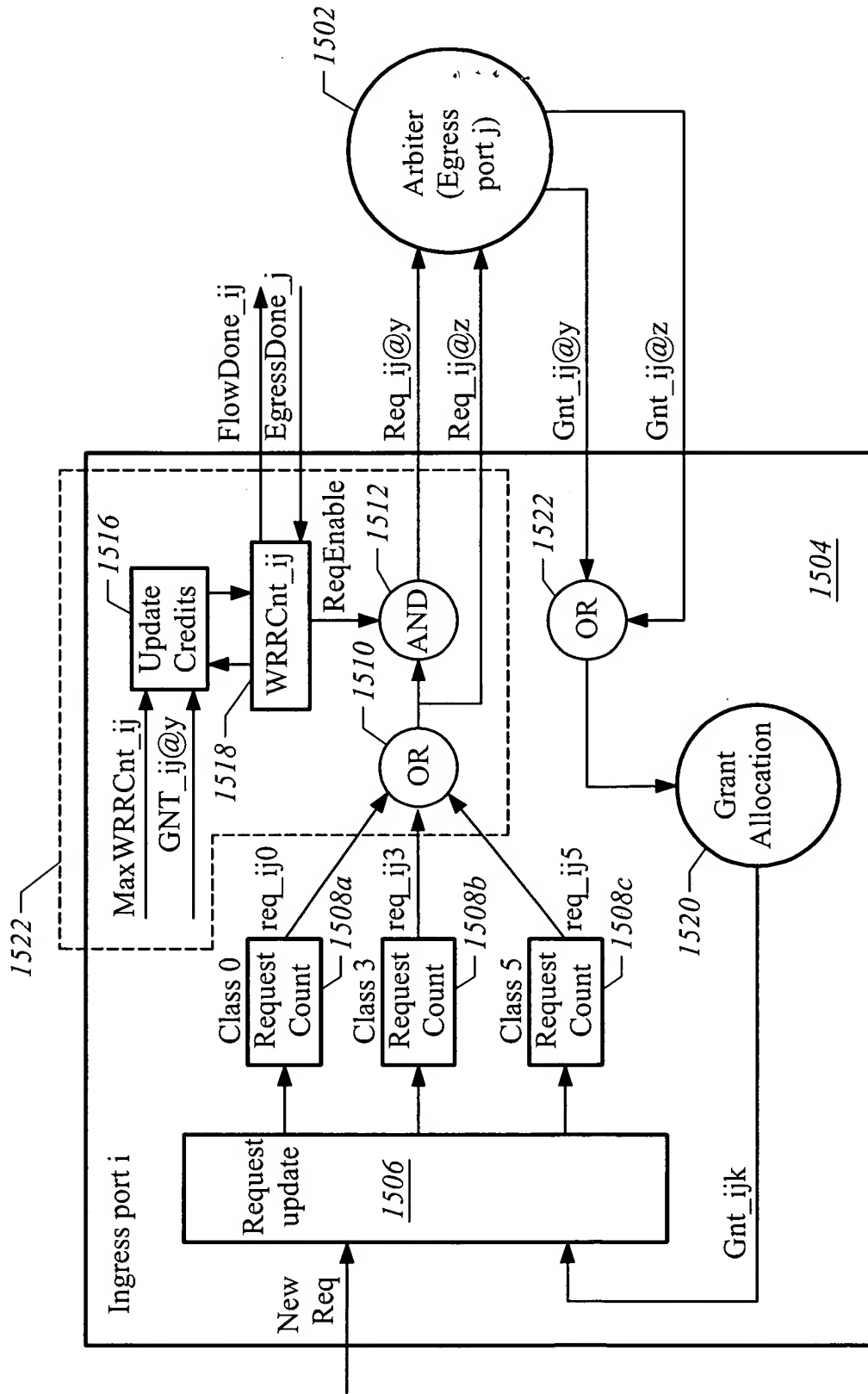


FIG. 16